

Drawings:

Applicants would like to amend Fig. 4(1) as indicated in the attached sheet in red. The single circles should be replaced with double circles. This is an inadvertent mistake by Applicants while preparing the application. Applicants will submit a formal drawing upon indication by the Examiner of allowability of any pending claims.

Remarks:

First of all, the present invention is contemplated to deal not with farmed fish but with wild fish, which is born and grows in natural environments such as sea, lakes and rivers. Wild fish is a precious natural resource in these days. The purpose of the present invention is to control this natural resource by having the appropriate amount of wild fish caught, distributed and consumed in response to changes of demand. For this purpose: (a) the claimed invention uses fish catch microdata collected from and input by fresh fish producers; (b) the fish catch microdata comprises fishing ground data, fishing method data, fish species data and description data; and (c) the fish catch microdata is analyzed by data mining to generate fresh fish forecast information.

Pape et al. is silent about the features of the claimed invention. Although Pape discloses generation and process of data regarding production and distribution of livestock and agricultural products, there is nothing in Pape that discloses or suggests generation and process of data regarding wild caught fish. Please note that production and distribution of farmed products differ significantly from production and distribution of wild caught fish and thus generation and process of data regarding production and distribution of farmed products differ significantly from that for wild caught fish. For example, livestock and agricultural products are farmed in particular places, such as ranches and farms, and owned and controlled by the owners of the ranches and farms, and cannot be utilized by other people. On the other hand, wild fish travels and has no owner and can be utilized by any people as a natural resource.

Further, it is possible to obtain and confirm detailed data daily regarding production and shipment of farmed products. However, it is difficult to obtain and confirm growths and habitats of wild fish until it is caught.

As discussed above, (a) the claimed invention uses fish catch microdata collected from and input by fresh fish producers; (b) the fish catch microdata comprises fishing ground data, fishing method data, fish species data and description data; and (c) the fish catch microdata is analyzed by data mining to generate fresh fish forecast information. These three features are now in claim 13. Since it is possible to obtain and confirm detailed data daily regarding production and shipment of farmed products, the data regarding the farmed products needs not be analyzed by using the data mining.

On the other hand, it is difficult to obtain and confirm growths and habitats of wild fish until it is caught. Therefore, in order to control and maintain the wild fish natural resource, the present invention proposes analysis of the microdata by using the data mining to generate fresh fish forecast information.

In claim 13, the fish catch microdata comprises fishing ground data, fishing method data, fish species data and description data. This results from the research that Applicants have long been making. In capturing wild fish, fishers use different methods which usually dictate the quality and the quality ranks of wild caught fish. Therefore, the fishing method data is indispensable to the microdata. Also, fishers should be allocated to different fishing grounds to control and maintain the wild fish natural resource. Therefore, the fishing ground data is also indispensable to the microdata. The natural resource will diminish if fish is subjected to excessive fishing. In order to prevent the fish natural resource from diminishing, the present invention collects fishery data from individual fishers and forecasts a change in the natural resource. While controlling and maintaining the wild fish natural resource, the present invention promotes production and distribution of wild fish in response to a change in demand.

Respectfully submitted,

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